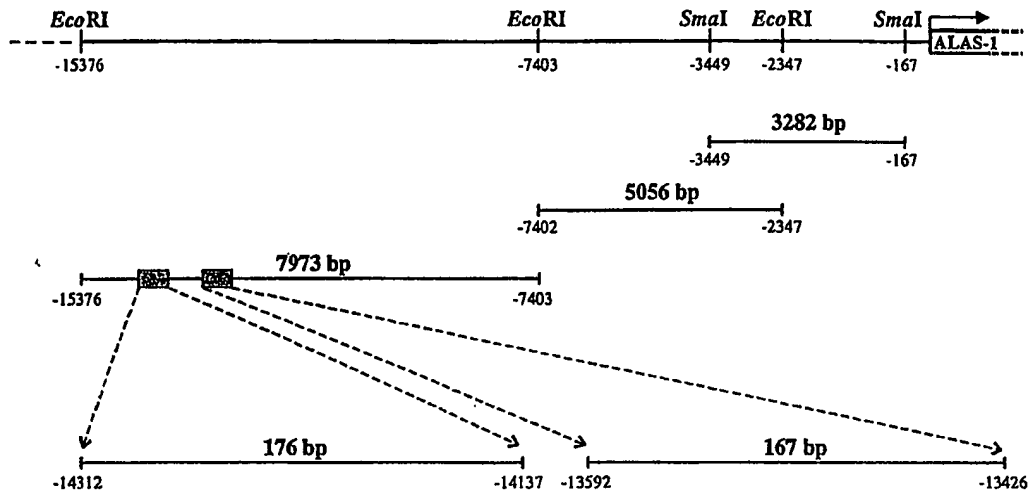


Fig.  
AFig.  
B

Sequence alignment of the ALAS-1 gene construct and various deletion constructs. The sequences are shown with coordinates (-14312 to -13426) and specific regions (DR4-1, DR4-2, DR4-3, DR5, NF1) are highlighted.

Left sequence (coordinates -14312 to -14137):

```

GATCTTTACTGCTGGGTAACAAC TAGG
CAATGAAGCAAAAGCCACCGGAGTTTA
AAGAGGAAGGTCAGCCAAAGGTGACCA
GGCTGTCCTAGAAAGTTTGTTATCAGAA
CCTTGAAAACAGGGAGGAAGGTGACAC
GACTTCAACATAGCAATAACCTGAAGA

```

Right sequence (coordinates -13592 to -13426):

```

CTGCCTCCAGTCCTGAACTTTCTCTGCT
GCGATGAGCAGAGCTTCGCTCGGCTGA
ACTCGTGACTGCTGACACAGCGGCGGCTG
AAGATCAGCACCAGGCAAAGGTGAGCGG
AGTGCAACAAGAATGAGGCAGAGACCTTT
GGGACAAAGAGTTCCCCACCCGTGGGG

```

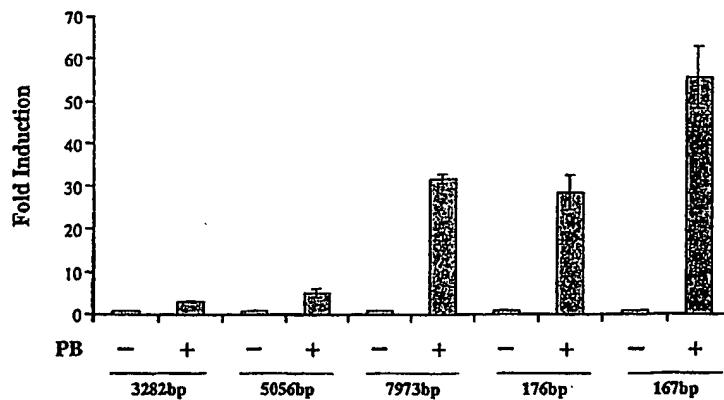
Fig.  
C

Fig. 2

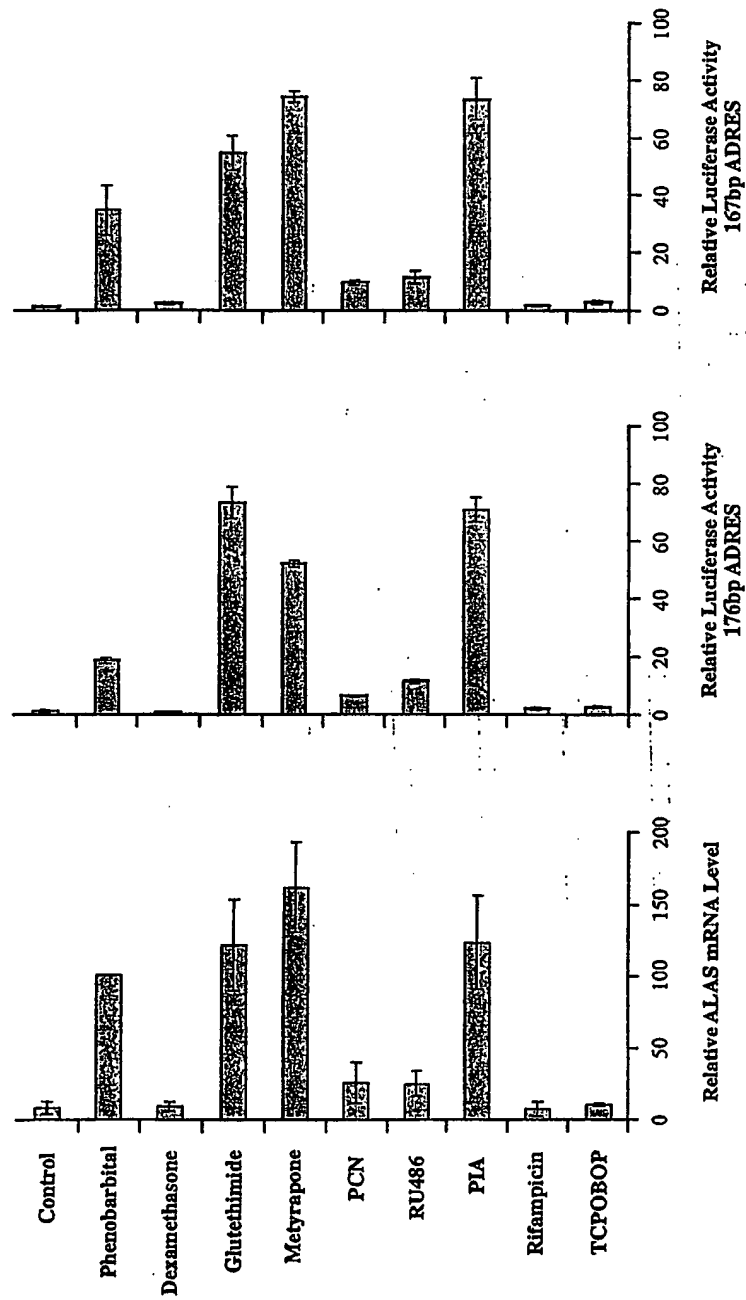


Fig. 3A

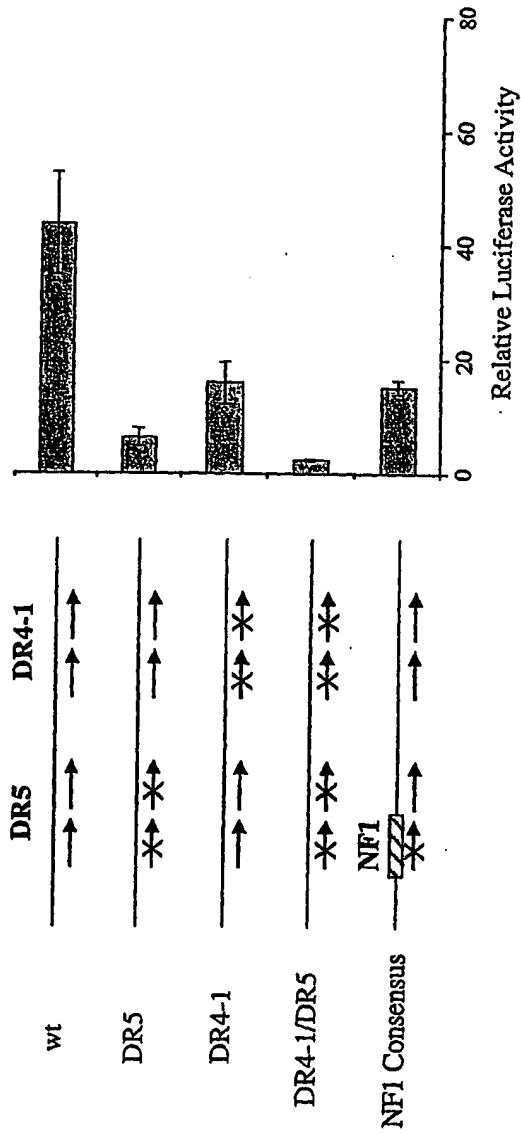
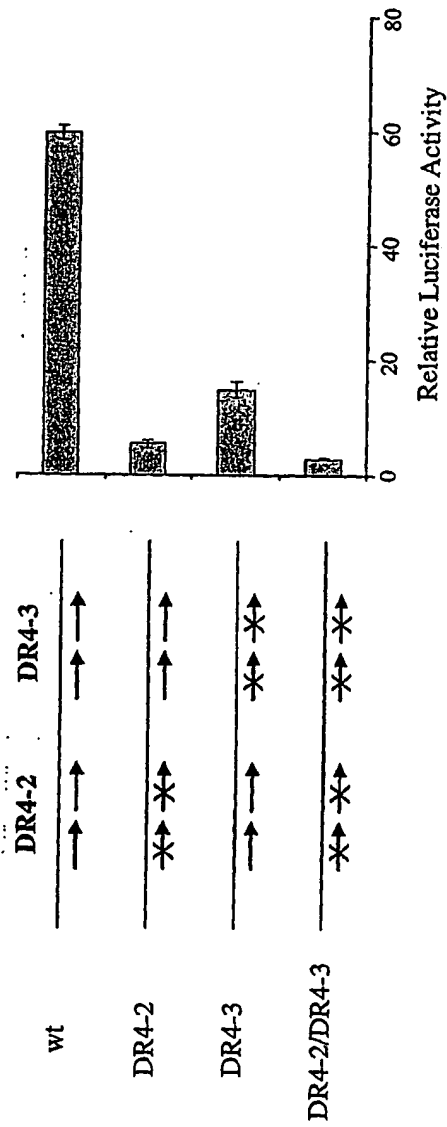


Fig. 3B



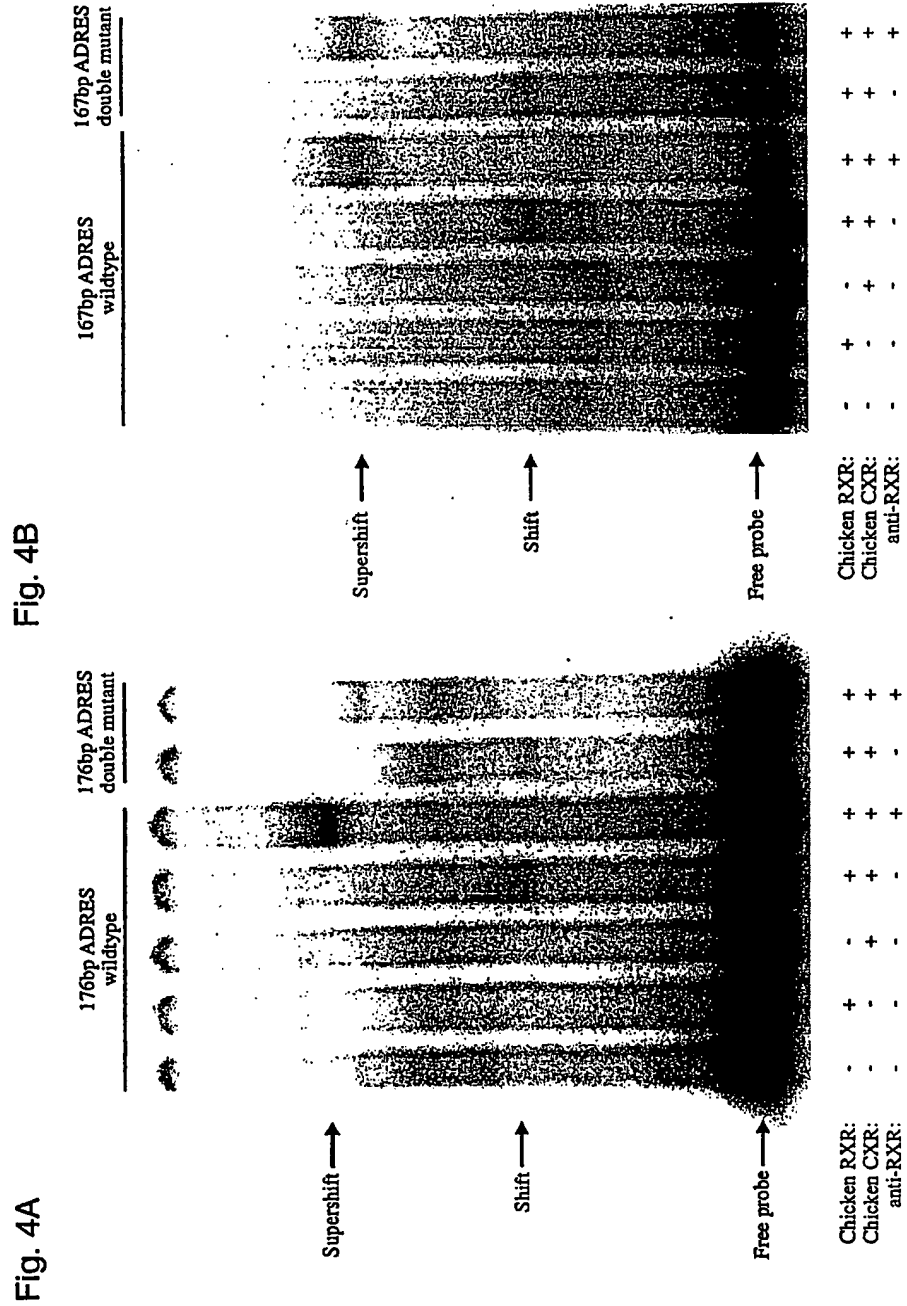


Fig. 5B

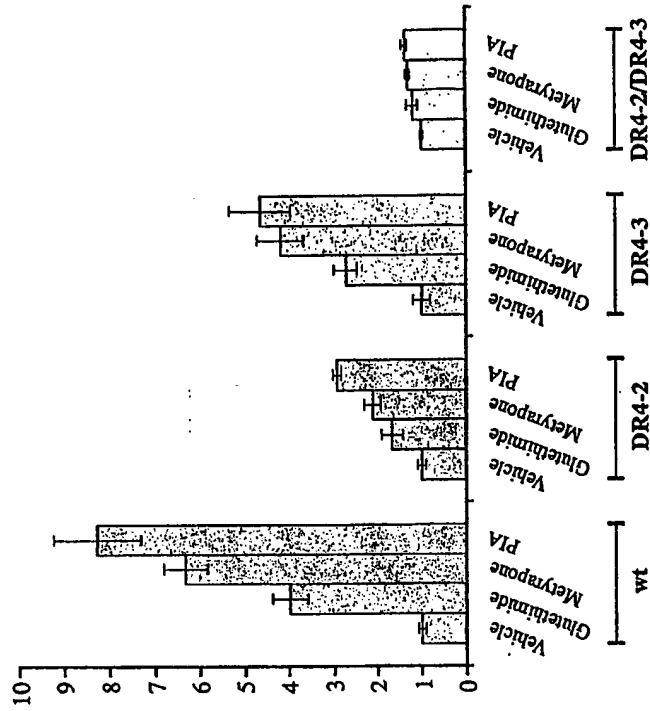


Fig. 5A

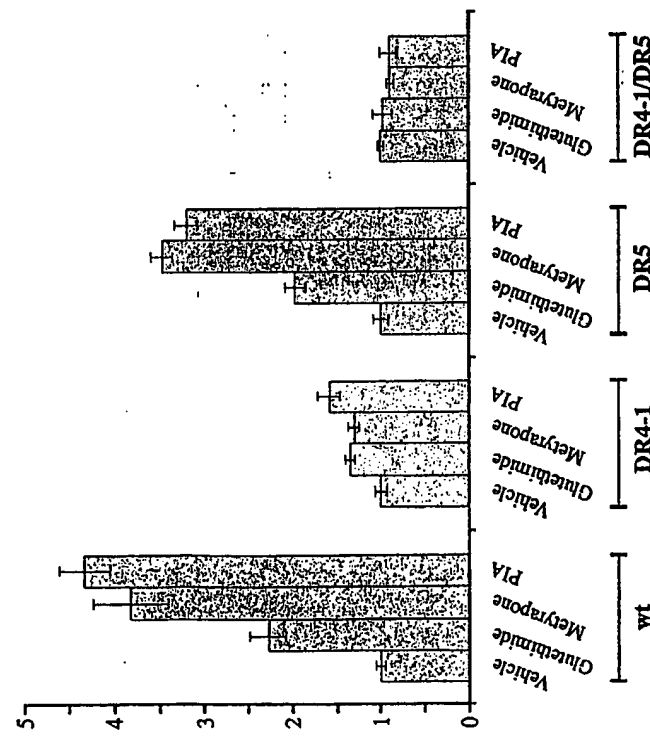


Fig. 6

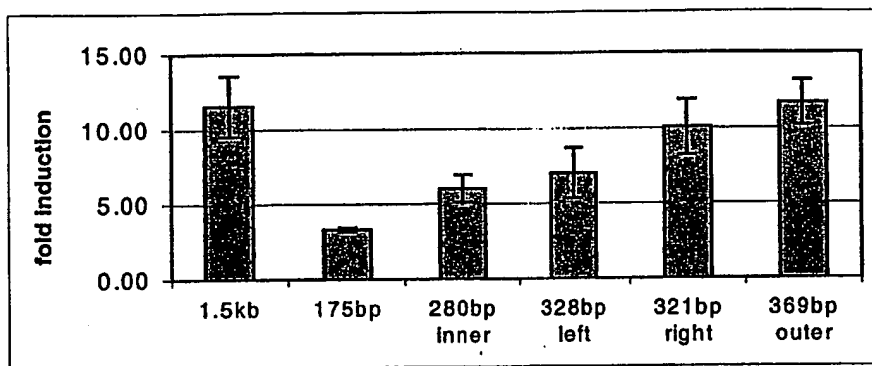


Fig. 7

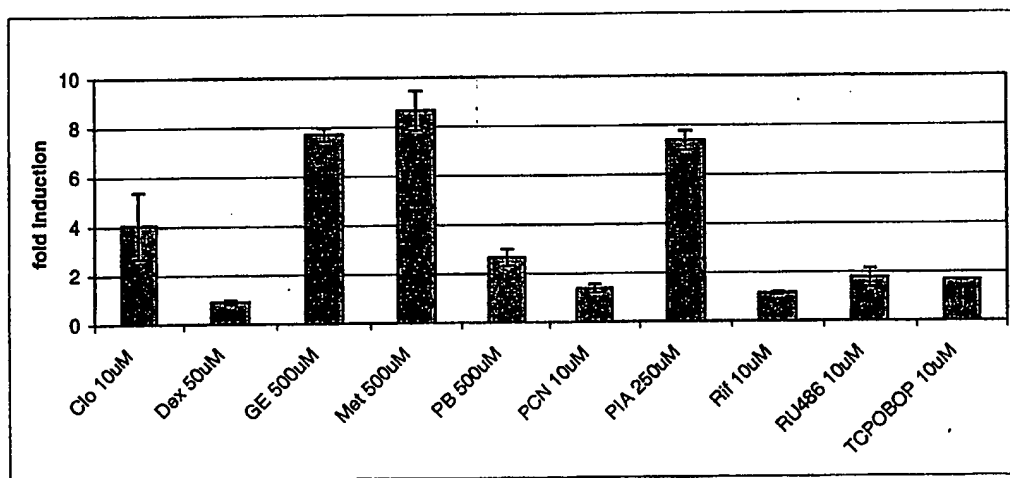


Fig. 8

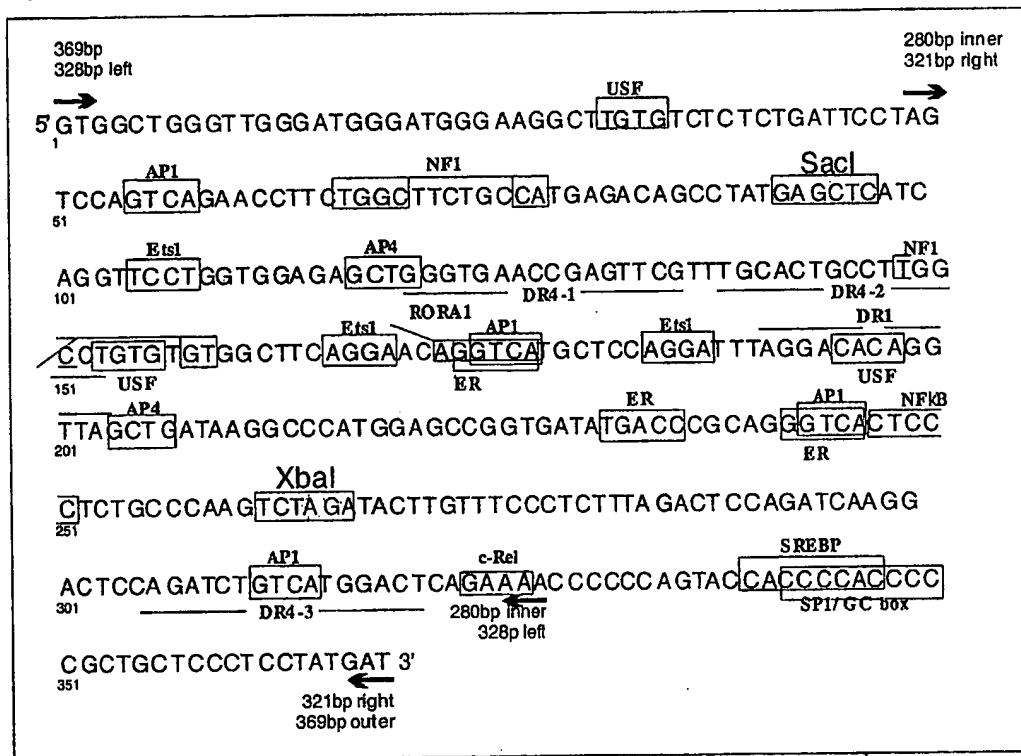


Fig. 9

	DR4-1 Sequence	
	NR1	NR2
WT	GGGTGAACCGAGTTCG	
DR4-1/hs1	<u>AAGCTT</u> ACCGAGTTCG	
DR4-1/hs2	GGGTGAACCGAAGCTT	
DR4-1/hs1,2	<u>AAGCTT</u> ACCGAAGCTT	

	DR4-2 Sequence	
	NR1	NR2
WT	TGCACTGCCTTGGCCT	
DR4-2/hs1	<u>GAATTC</u> GCCTTGGCCT	
DR4-2/hs2	TGCACTGCCTCTGCAG	
DR4-2/hs1,2	<u>GAATTC</u> GCCTCTGCAG	

Fig. 10

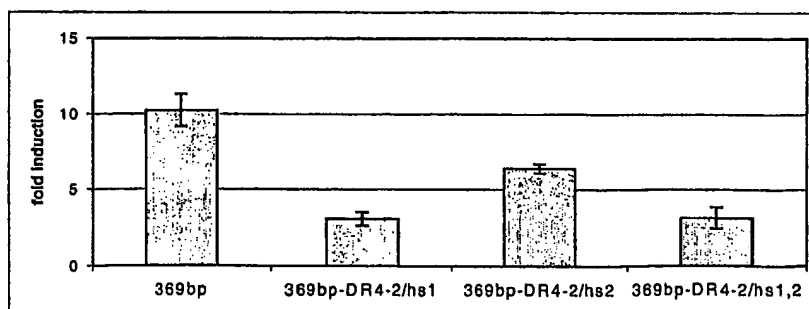


Fig. 11

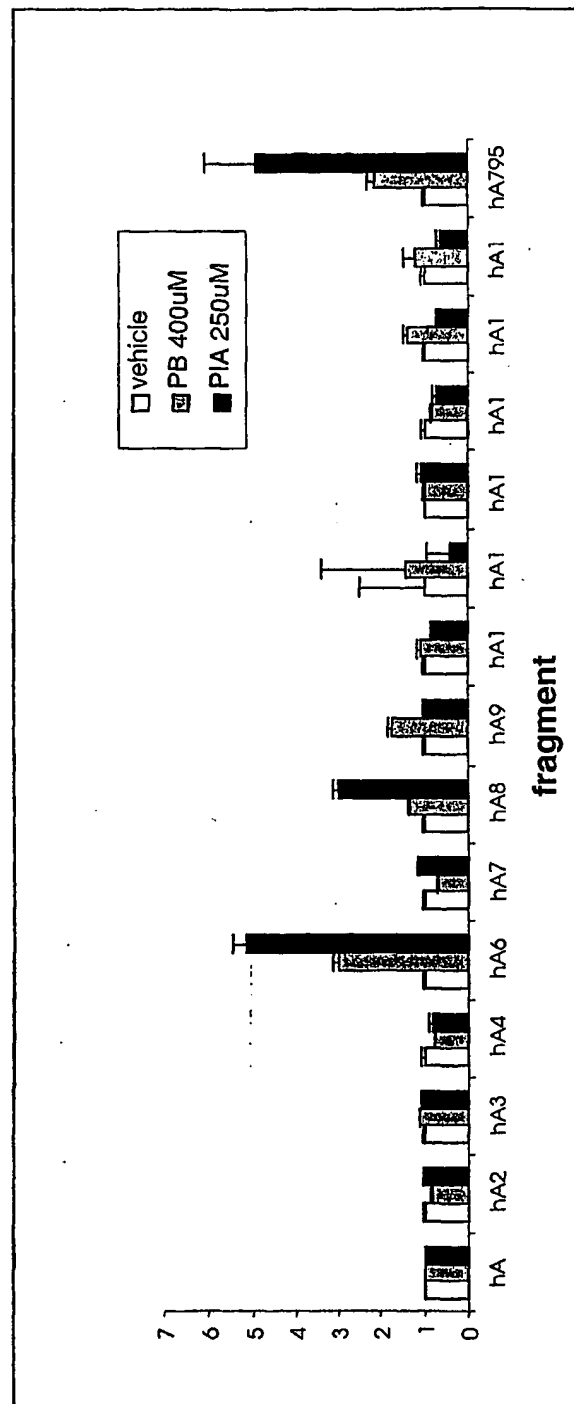


Fig. 12

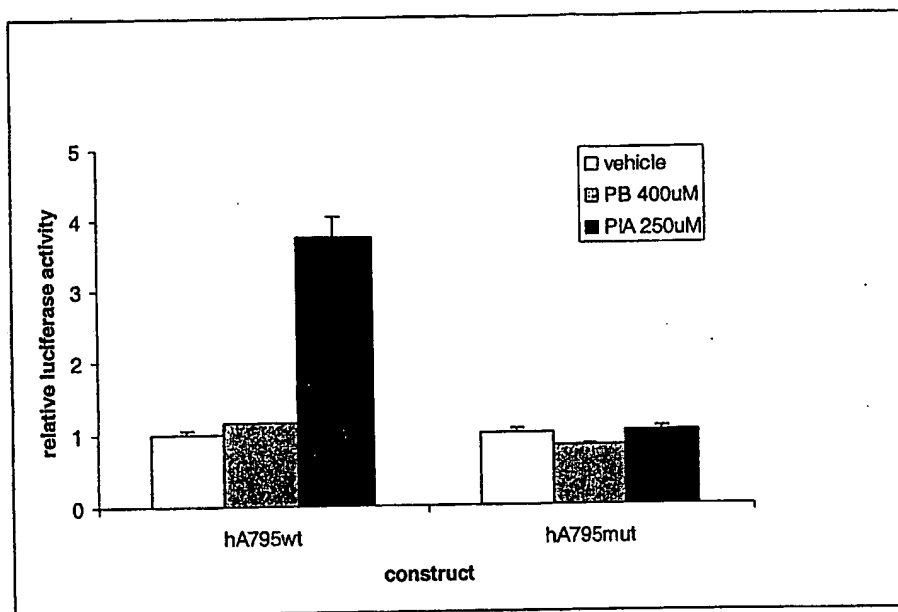
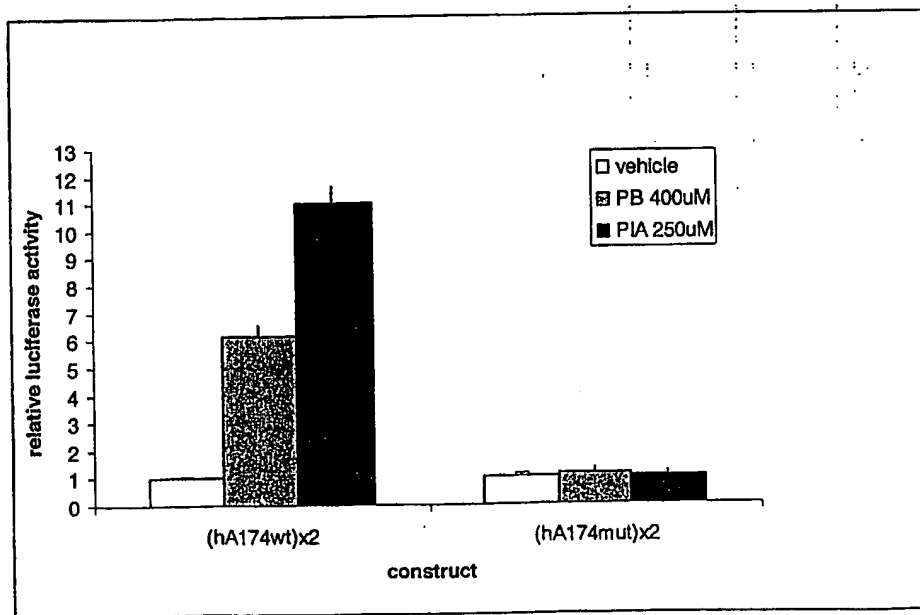


Fig. 13



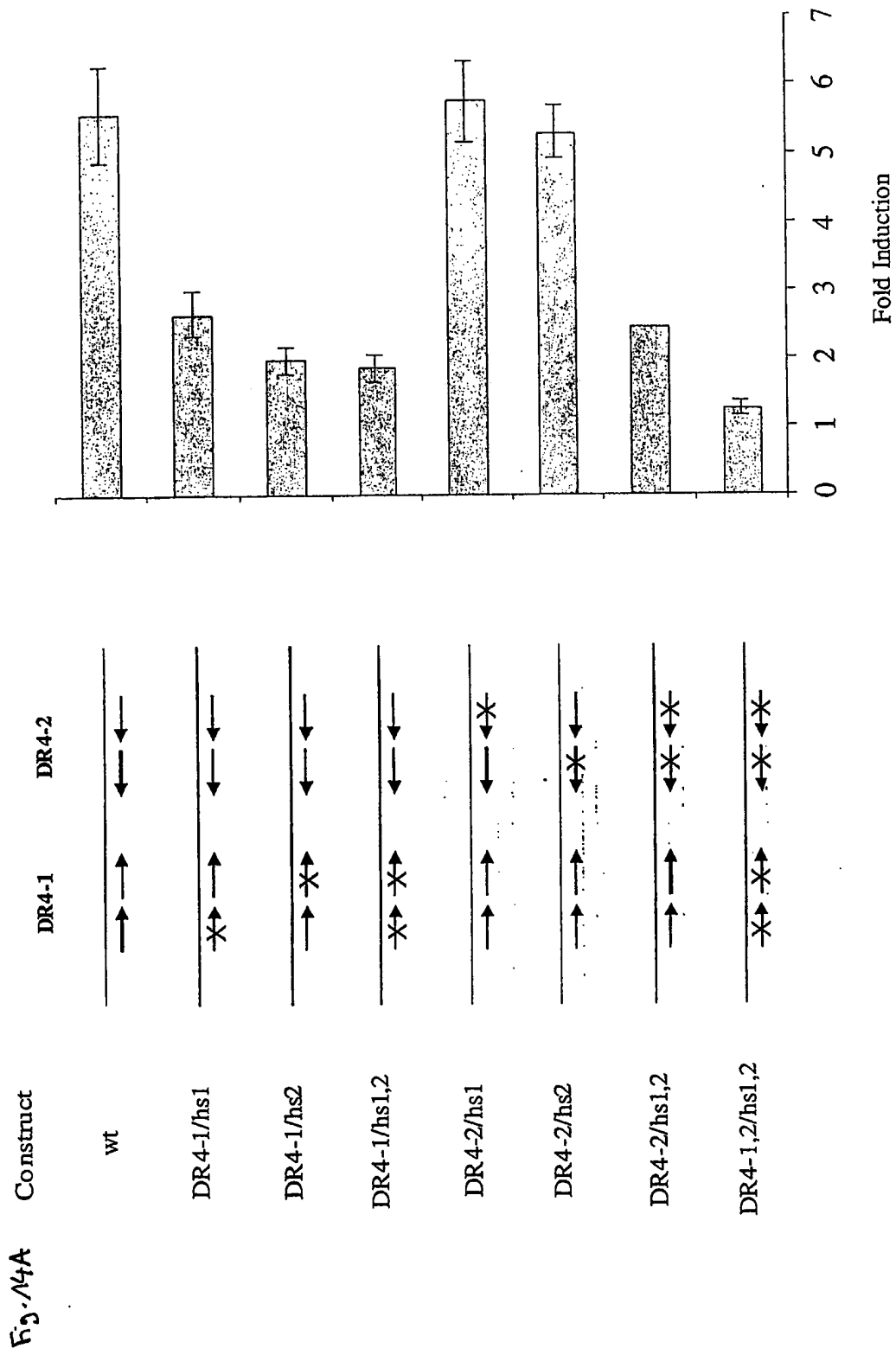


Fig. 14B

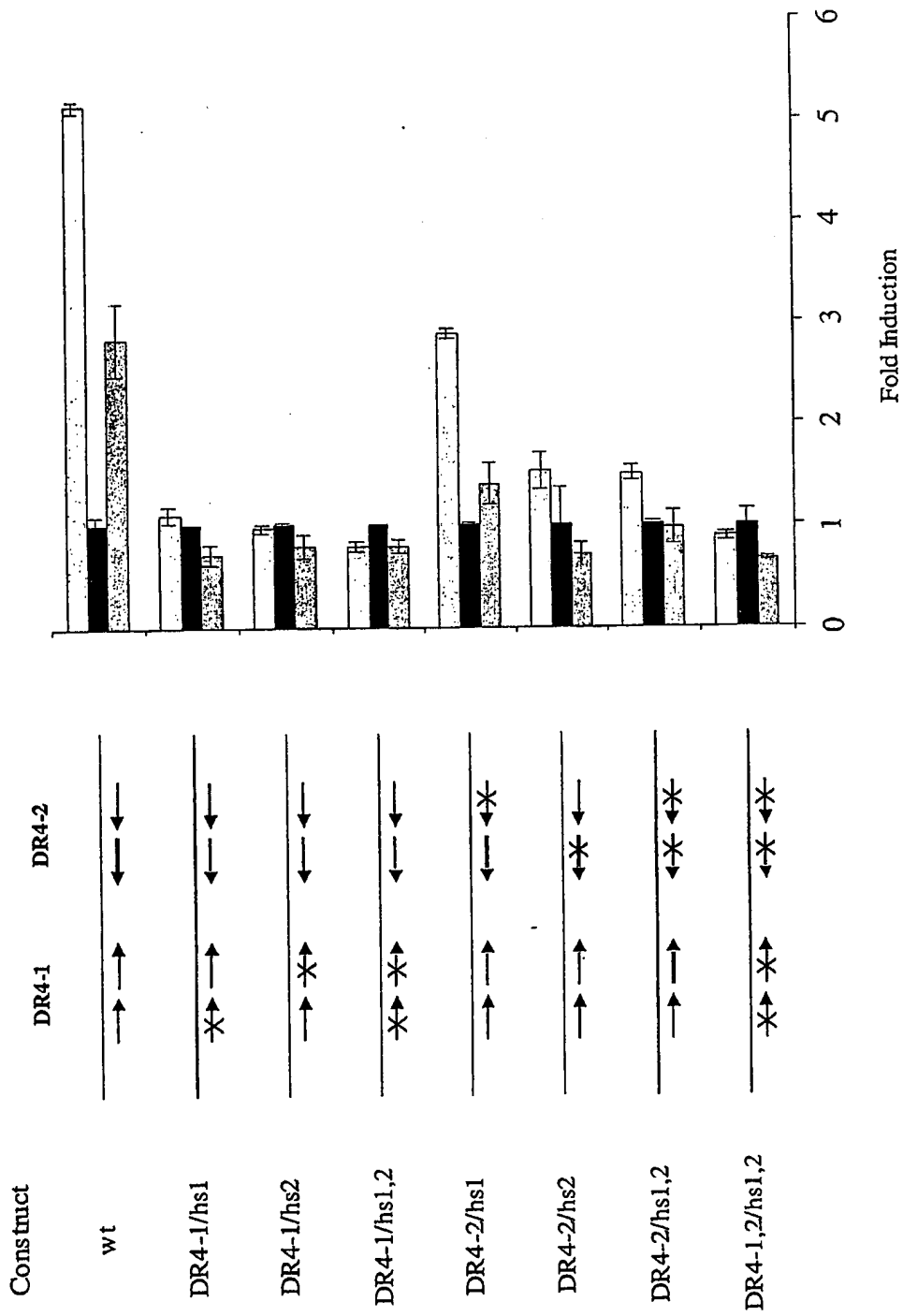


Fig. 15A

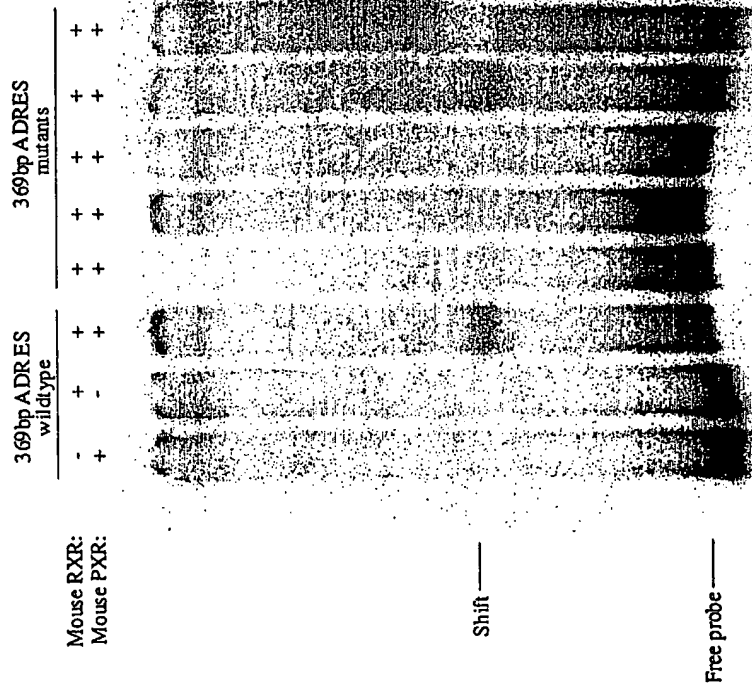


Fig. 15B

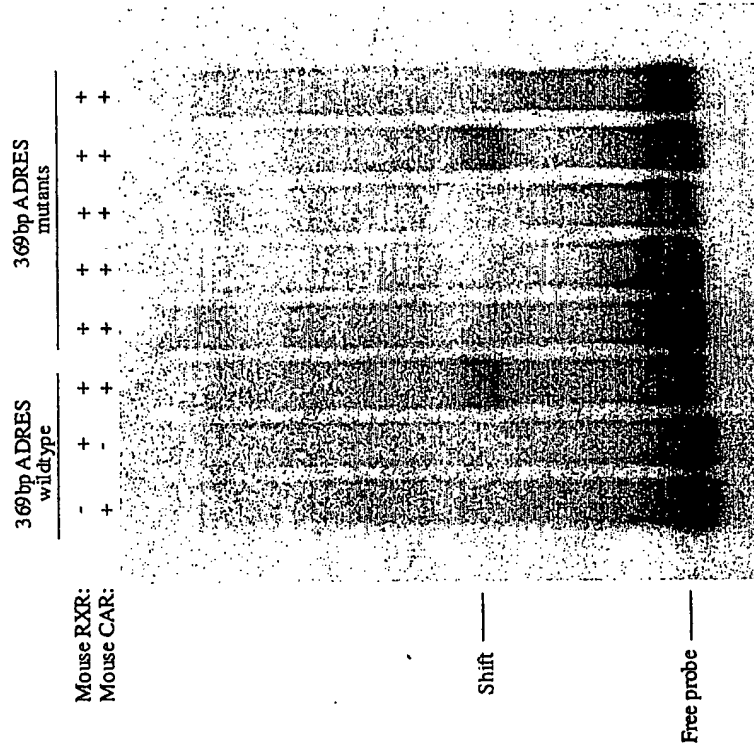


Fig. 16

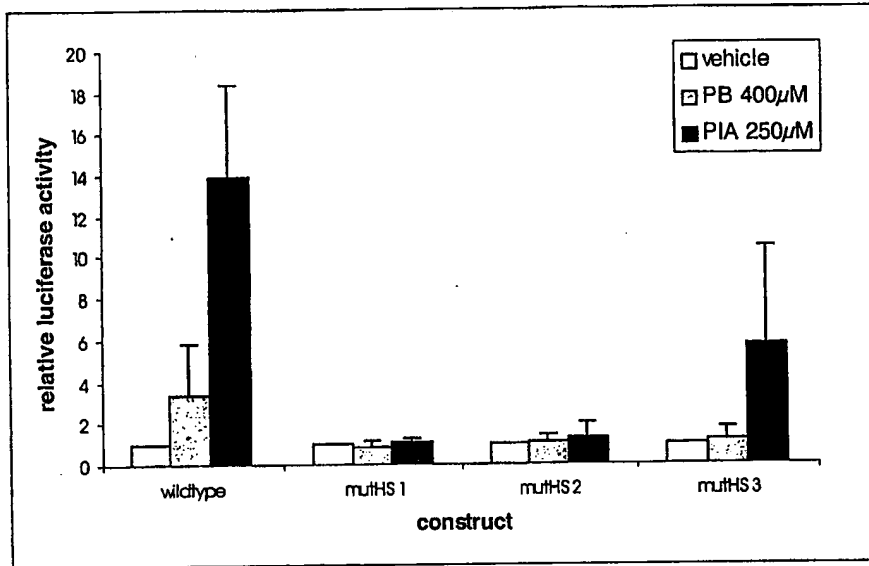


Fig. 17

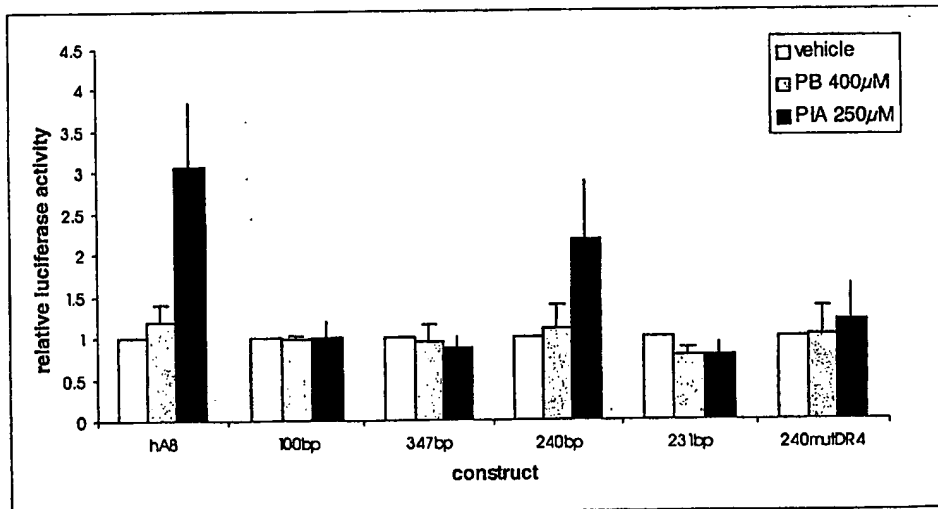


Fig.  
18A

-20918  
GCGCAAAGTC AACACAAGCC TCTCCACCGT GTGTCCATGT TTATGTGTAT  
GCGCTGTGCC CCGTCATGCC ACCTGGACGC AGGCACTCCA GTGACCTCTC  
OTTGCACAAG CCTCTGCTGG TTTGGGAAAG ATTGGCATGA CATCAGCCAA  
GCTCTGGCCT TGCCTTTTTT CCCT -20745

Fig.  
18B

-16122  
TCTGGCAGTC AGACAGGCCT AAGCTAAACC TTTCCCCCCC AGCTACCCAC  
CAGGGTCATC CCCAAGCCAG GTCAGGGCCA ATGGAGGTTG GGGTGGAGAA  
GACAGGCTTG GCCCTATTTC CTGCCCAACT CAGAACCTTC TGGTTTCTGC  
CACAGGATGC CTTGCAAGCT TATCGGGGTC ACTGTGGGCA GCTGGGTGAG  
DR4 →  
CTAAGTTCAT CTGTGCTGCC GTGACCTCTG TGCAGATGCA -15883

Fig. 19A

CAR:	-	-	-	+	-	-	+	+
PXR:	-	-	+	-	+	+	-	-
RXR $\alpha$ :	-	+	-	-	+	+	+	+
probe:	wt	wt	wt	wt	wt	$\Delta$ HS2	wt	$\Delta$ HS2

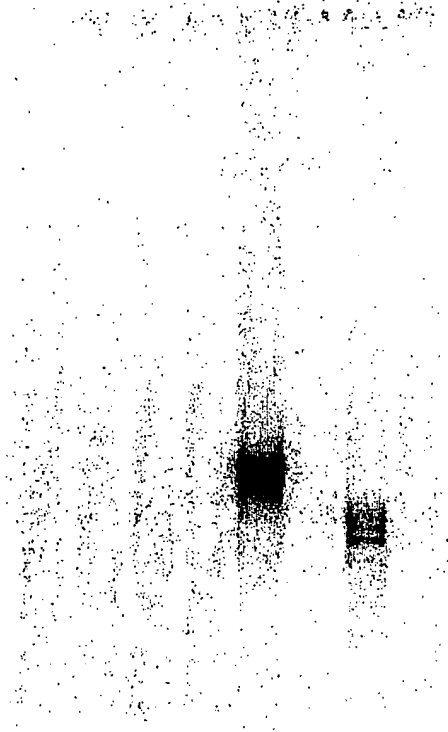
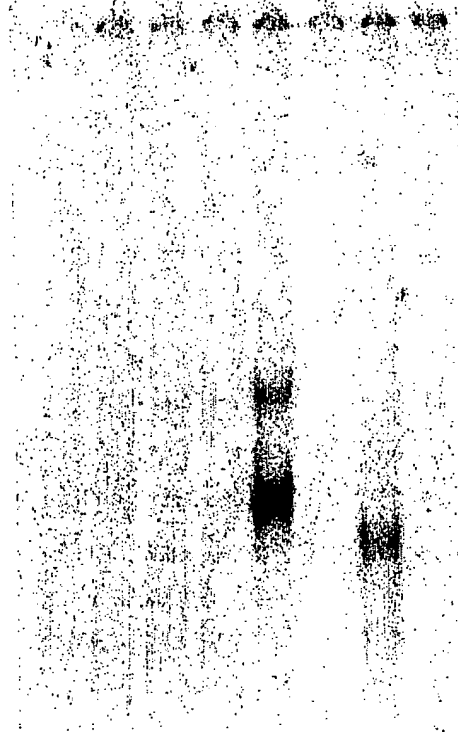


Fig. 19B

-	-	-	+	-	-	+	+
-	-	+	-	+	+	-	-
-	+	-	-	+	+	+	+
wt	wt	wt	wt	wt	$\Delta$ DR4(1)	wt	$\Delta$ DR4(1)



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